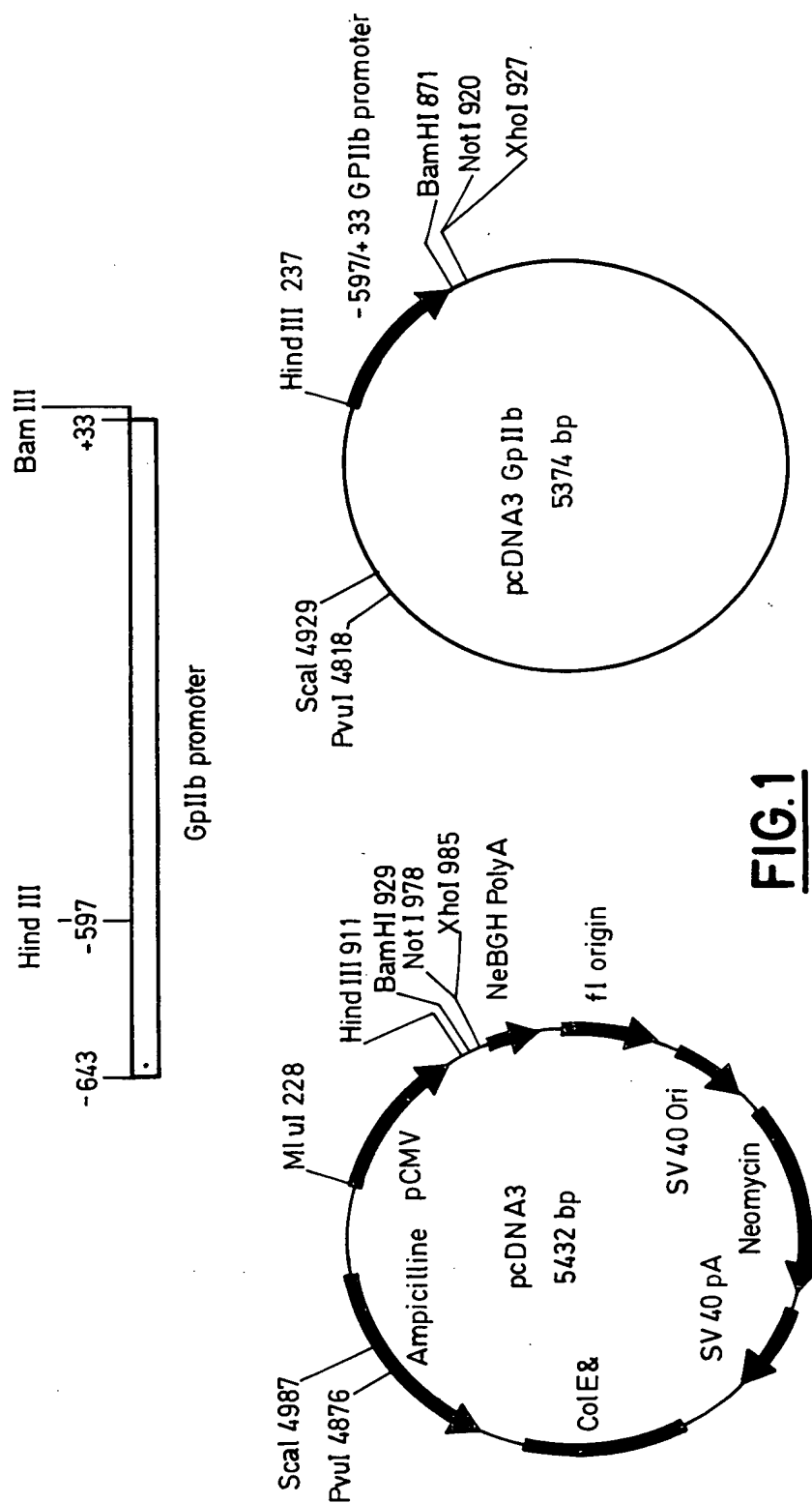
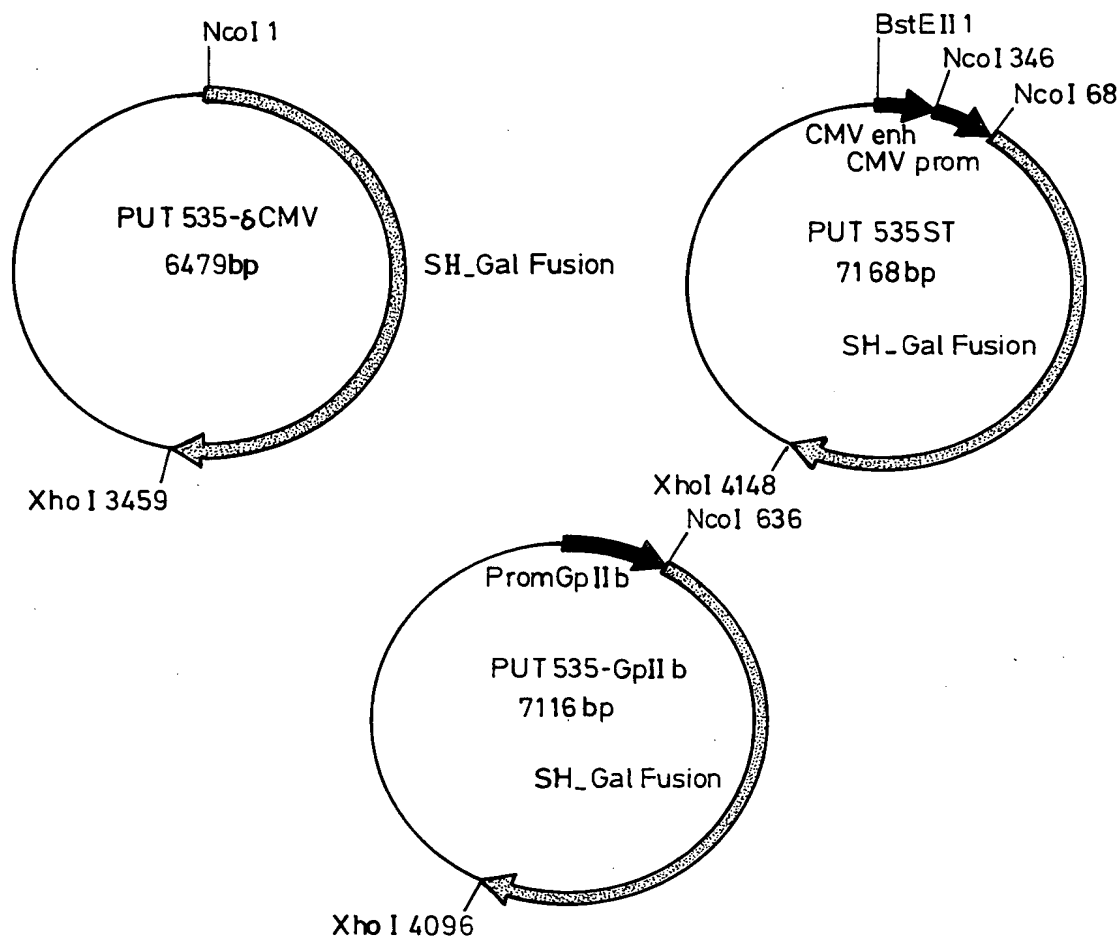


APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
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# Cloning of GPIIb promoter in pc DNA3 vector

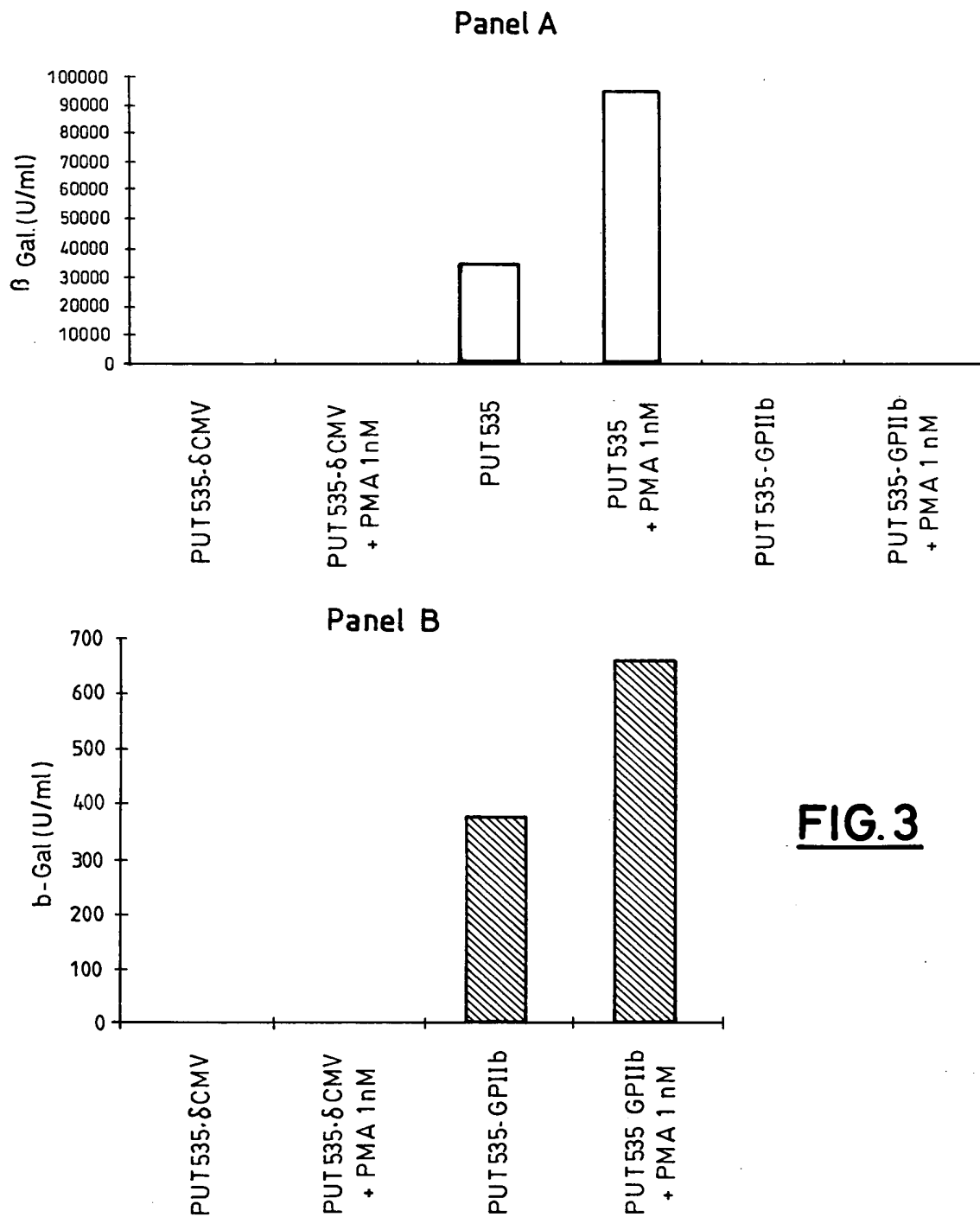
**FIG.1**

# $\beta$ -Galactosidase reporter gene vectors



**FIG. 2**

**$\beta$ -Gal transient expression directed by GPIIb in HeLa cells  
(panel A) and HEL cells (panel B)**



**FIG. 3**

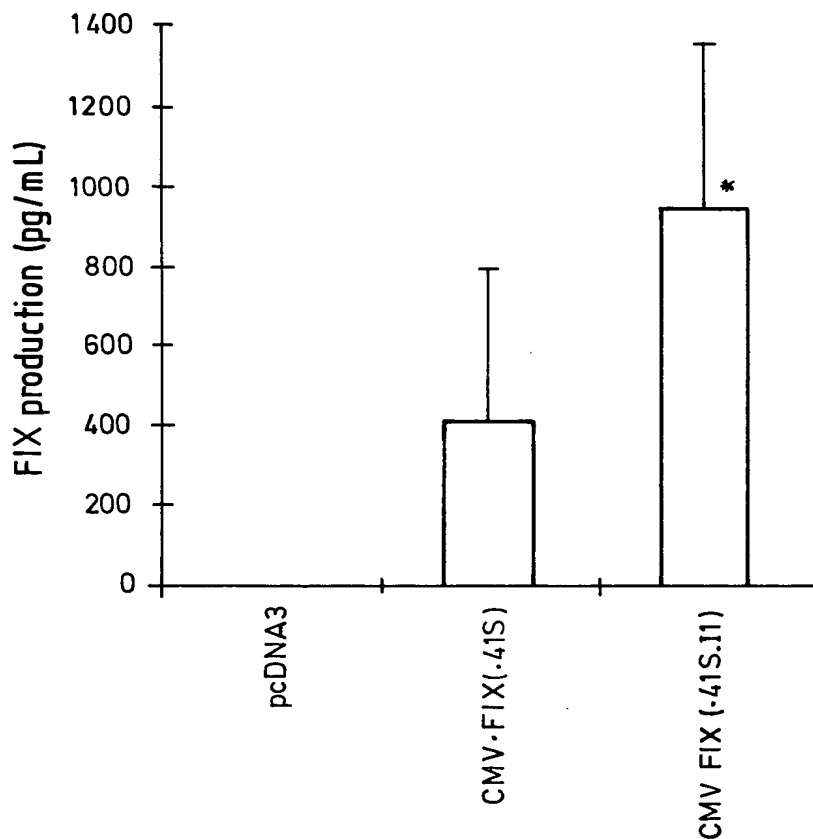
APPROVED	O.G. FIG.	
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## FIG.4

Transient FIX production under CMV promoter control in HEL cells  
after PMA 1nM induction

(pcDNA3 was used as reference for statistics (\*represents  $p < 0.05$ )



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# Transient FIX WT production under CMV or GPIIb promoter control in HEL cells after PMA 1nM induction

pcDNA3 and pcDNA3-GPIIb respectively were used as reference for statistics  
(\*\* represents  $p < 0,01$ )

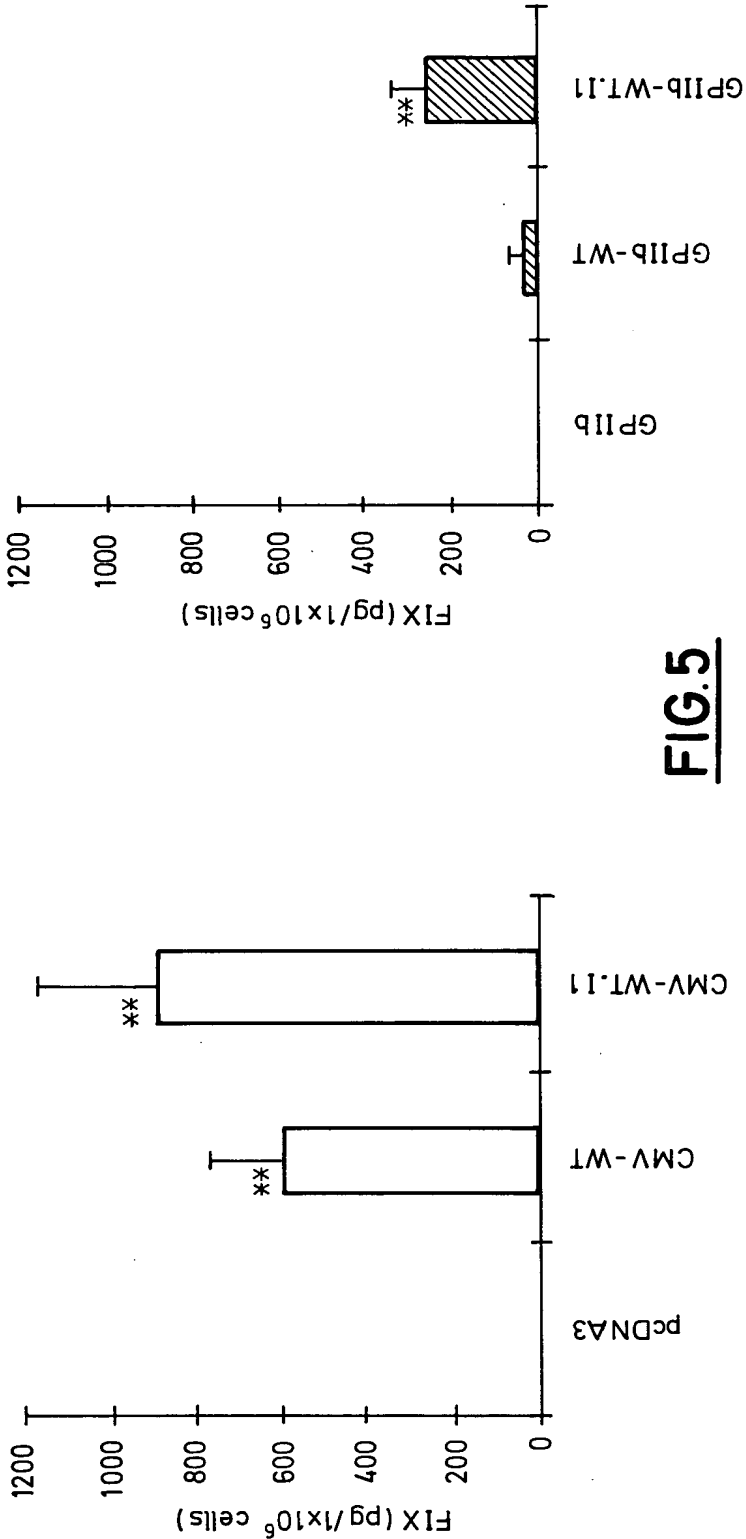
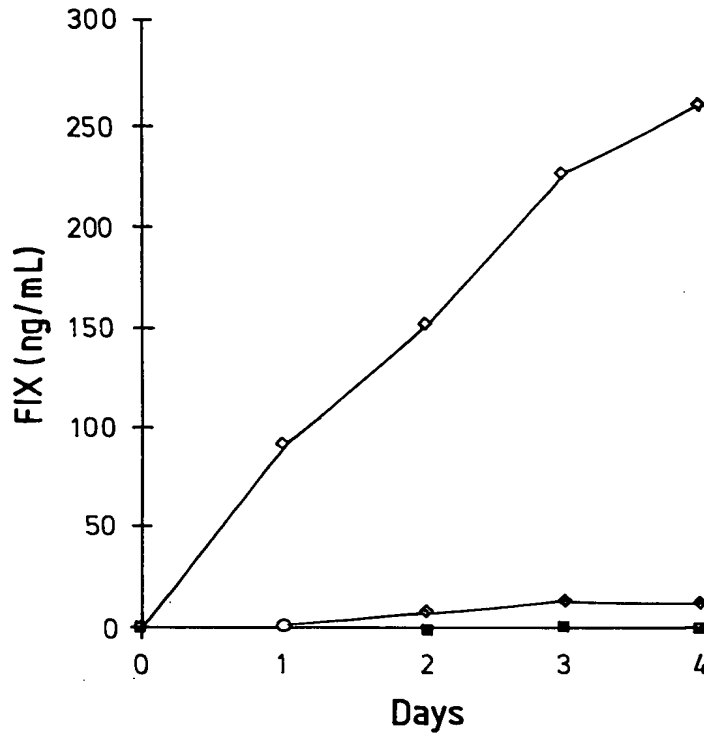


FIG.5

# Daily FIX production using CMV promoter in stably transfected HEL cells



- pcDNA3
- pcDNA3 (PMA 1nM)
- ◆— pcDNA3-CMV/FIX (-41S.I1)
- ◇— pcDNA3-CMV/FIX (-41S.I1)  
(PMA 1nM)

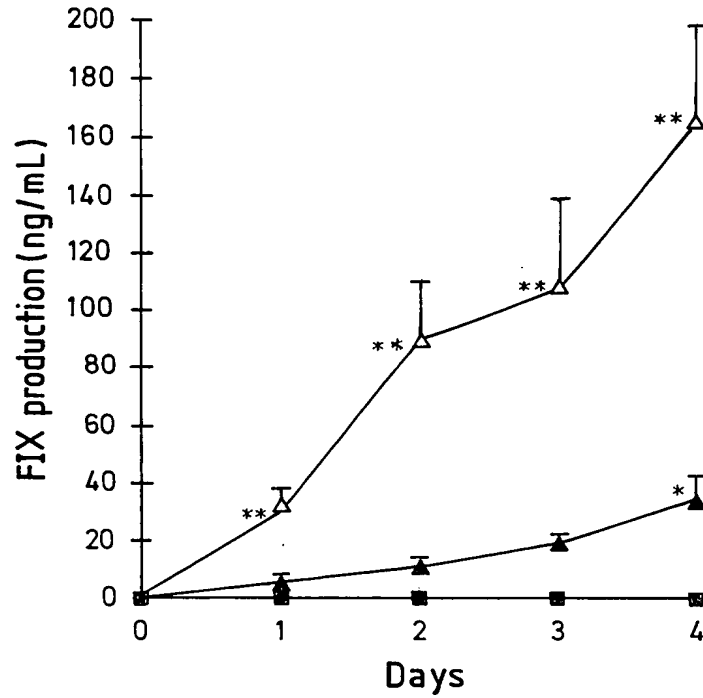
**FIG. 6**

## FIX production under GPIIb promoter in stably transfected

### HEL cells with or without PMA induction

pcDNA3-GPIIb construct was used as reference for statistics

(\* represents  $p < 0.05$ ; \*\* represents  $p < 0.01$ )



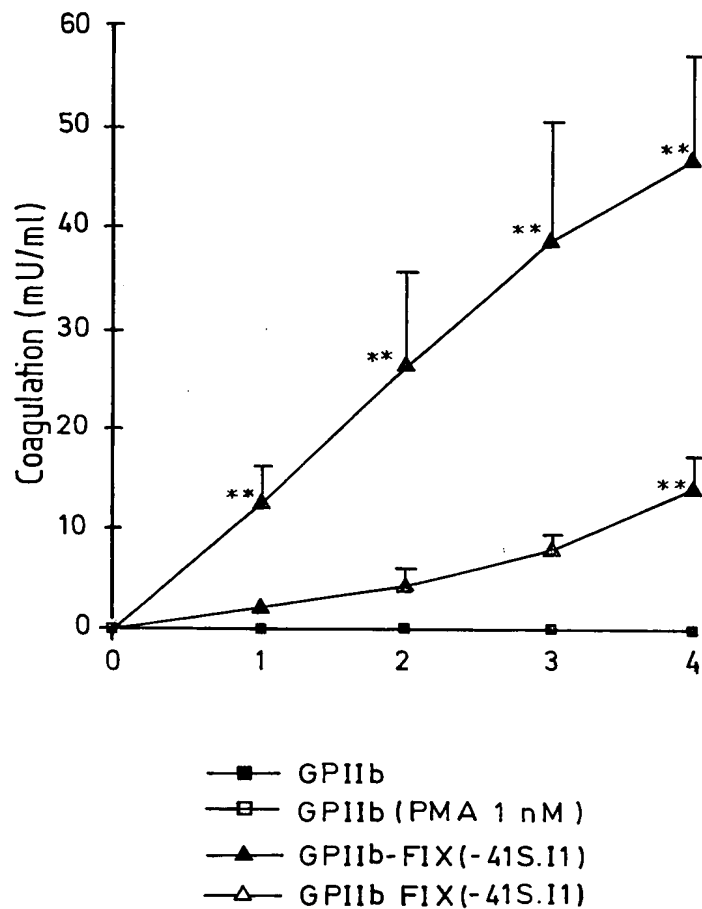
- GPIIb
- GPIIb (PMA 1 nM)
- ▲— GPIIb-FIX(-41S.I1)
- △— GPIIb-FIX(-41S.I1) PMA 1 nM

**FIG.7**

## Procoagulant FIX activity in HEL cells supernatants

PcDNA3-GPIIb construct was used as reference for statistics

(\* represents  $p < 0,05$ , \*\*represents  $p < 0,01$ )

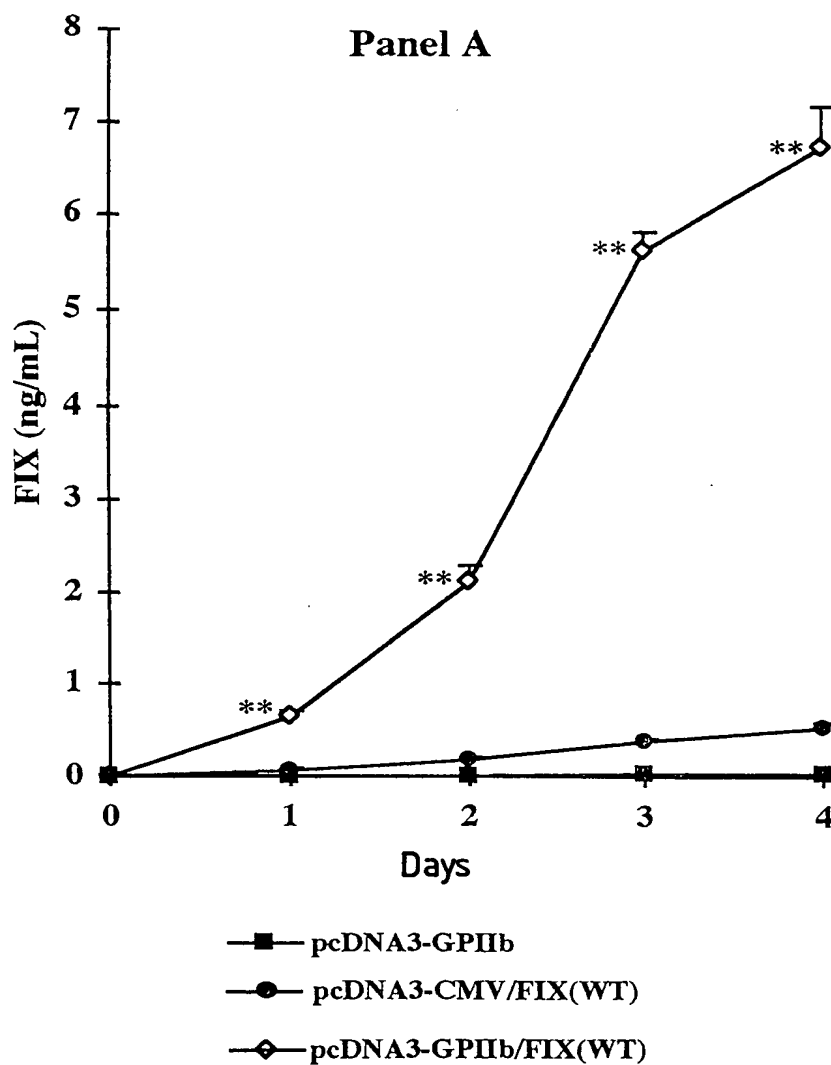


**FIG.8**



Stable expression of FIX (WT) constructs in HEL-cells,

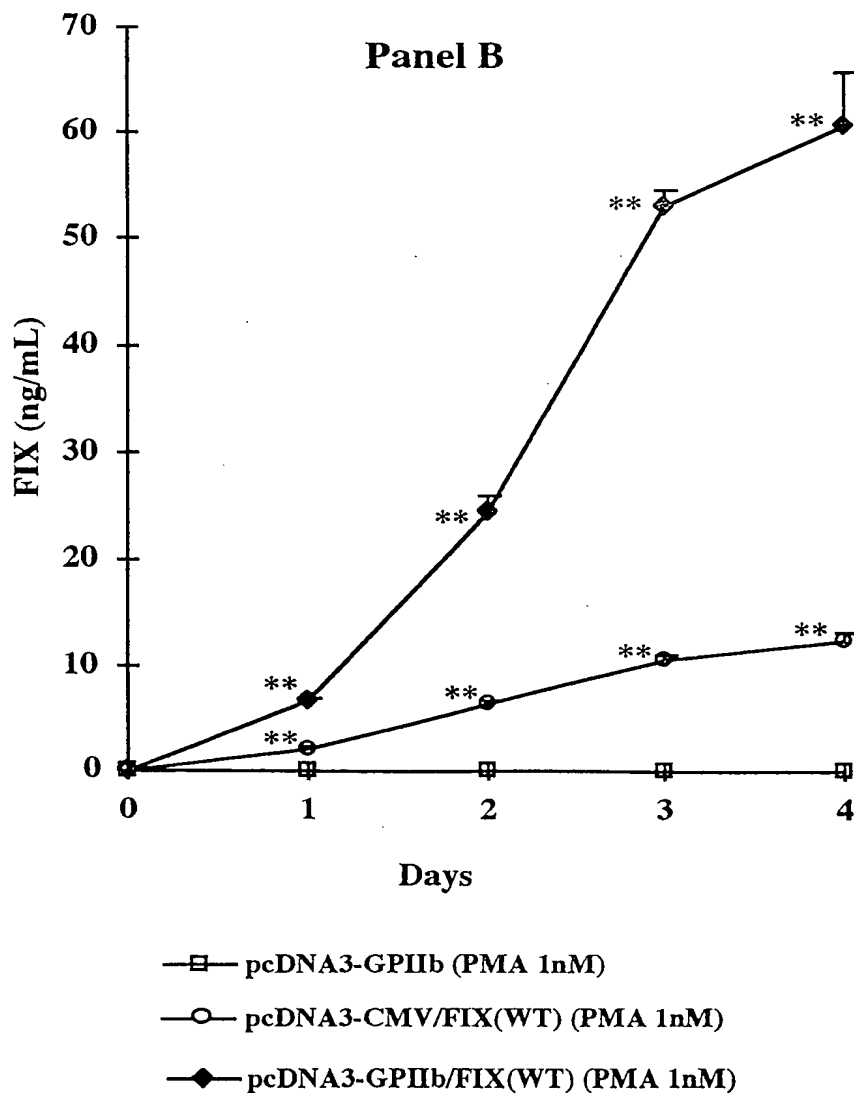
Panel A: culture without PMA, pcDNA3 and pcDNA3-GPIIB were used as references (\*\*  $p < 0,01$ )



**FIG.9a**

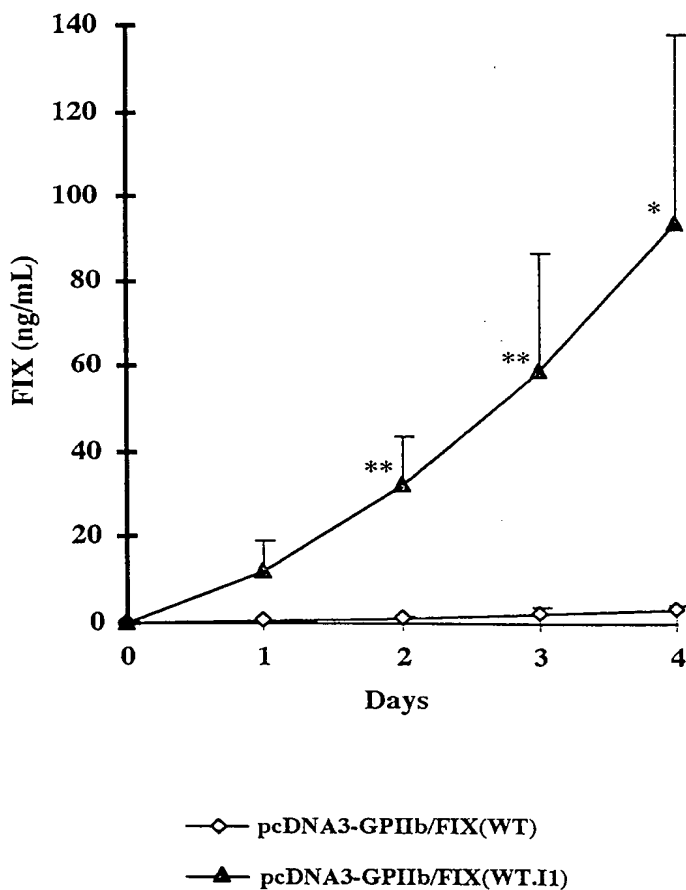
Stable expression of FIX (WT) constructs in HEL-cells.

Panel B: culture with PMA 1nM. PcDNA3 and pcDNA3-GPIIB were used as references for statistics (\*\* p< 0.01)



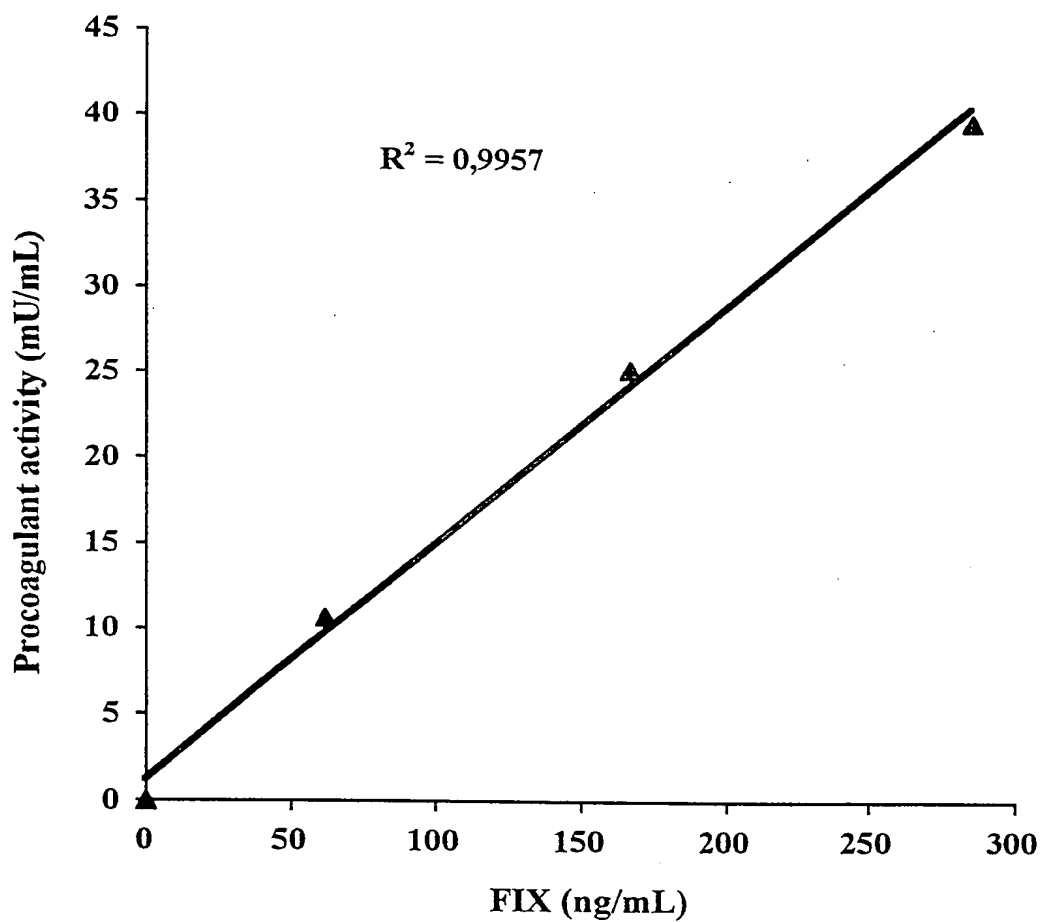
**FIG.9b**

Stable expression of GPIIb-FIX(WT) and GPIIb-FIX(WT.I1) constructs in HEL cells (culture without PMA). pcDNA3-GPIIb/FIX(WT) was used as reference for statistics (\*\*  $p < 0.01$ ; \*  $p < 0.05$ )



**FIG.10**

**FIX procoagulant activity from PMA-stimulated GPIIb-FIX(WT.II) expressing HEL cells. The values represent the mean of 3 individual experiments.**



**FIG.11**